

Converting Colors

XYZ(26.9366, 34.9411, 19.0410)

Have a look what the booklet for
XYZ(26.9366, 34.9411, 19.0410)
contains.

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Color

**XYZ(26.9679, 34.9410,
18.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	87AA6A
RGB	135, 170, 106
RGB Percent	53%, 67%, 42%
CMY	0.4706, 0.3333, 0.5843
CMYK	0.21, 0.00, 0.38, 0.33
HSL	93°, 27%, 54%
HSV	93°, 38%, 67%
XYZ	26.9679, 34.9410, 18.9586
YIQ	152.2390, -0.3160, -27.3240

Conversions

Conversions Part 2

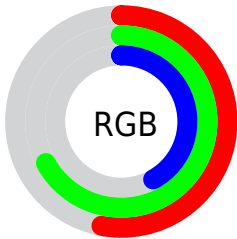
Format	Color
RYB	106, 170, 141
Decimal	8890986
CIELab	65.70, -23.61, 29.19
CIELCh	66, 37.542, 128.975
Yxy	34.9410, 0.3335, 0.4321
Android (android.graphics.Color)	4287081066 (0xFF87AA6A)
YUV	152.2390, -22.7958, -15.1186
Hunter-Lab	59.1109, -22.0079, 22.3616

Details

The XYZ color **26.9679, 34.9410, 18.9586** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.3958, 18.8741, 40.4422**, and the grayscale version is **30.0446, 31.6093, 34.4225**.

A 20% lighter version of the original color is **54.0830, 67.1379, 42.4562**, and **10.8731, 15.1371, 6.2196** is the 20% darker color. If you saturate the color by 10%, you get **24.7390, 33.8853, 14.6881**, and if you desaturate by 10%, it is **29.5045, 36.1372, 24.1598**.

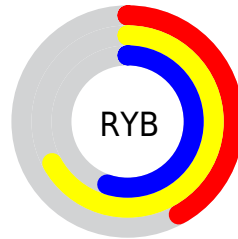
Distribution



Red (53%)

Green (67%)

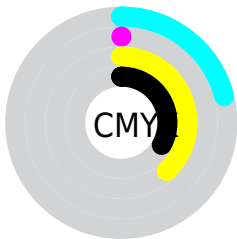
Blue (42%)



Red (42%)

Yellow (67%)

Blue (55%)

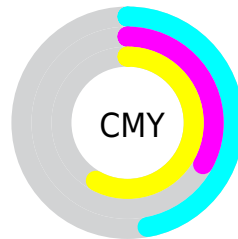


Cyan (21%)

Magenta (0%)

Yellow (38%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9679, 34.9410, 18.9586 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.9679, 34.9410, 18.9586 by changing the saturation by 10% instead.

■ 26.9679, 34.9410,
18.9586

■ 26.9679, 34.9410,
18.9586

279.6720,
324.3078, 258.6352

■ 17.6856, 23.6174,
11.4639

■ 54.2526, 67.3944,
42.4999

■ 10.8228, 15.0501,
6.2617

■ 72.9857, 89.2929,
59.3835

■ 6.0142, 8.8545,
2.9335

■ 95.5998, 115.4853,
80.2339

■ 2.8945, 4.6464,
1.0608

■ 122.4601,
146.3559, 105.4695

■ 1.0982, 2.0413,
0.0000

153.9322,
182.2890, 135.5089

■ 0.0236, 0.6313,
0.0000

190.3813,

■ 0.0000, 0.0000,

223.6691, 170.7706

0.0000

232.1728,
270.8806, 211.6732

■ 26.9679, 34.9410,
18.9586

■ 26.9679, 34.9410,
18.9586

■ 24.7390, 33.8853,
14.6881

■ 29.5045, 36.1372,
24.1598

■ 22.8015, 32.9596,
11.2912

■ 32.3589, 37.4749,
30.3399

■ 21.1413, 32.1592,
8.7076

■ 35.5440, 38.9607,
37.5465

■ 19.7417, 31.4770,
6.8689

■ 39.0711, 40.5994,
45.8234

■ 18.5839, 30.9048,
5.6952

■ 42.9509, 42.3958,
55.2119

■ 17.6396, 30.4311,
5.0589

■ 47.1936, 44.3540,
65.7511

■ 17.4381, 30.3298,
4.9352

■ 51.8089, 46.4785,
77.4782

■ 56.8062, 48.7733,
90.4286

■ 61.5429, 50.9816,
101.2045

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.5809, 34.9410, 15.2148



26.9679, 34.9410, 18.9586



24.2503, 34.9410, 28.1419

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.9679, 34.9410, 18.9586



29.5437, 34.9410, 74.0861



44.8447, 34.9410, 33.4941

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.9679, 34.9410, 18.9586



23.3958, 18.8741, 40.4422

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.1434, 34.9410, 50.0346



26.9679, 34.9410, 18.9586



34.8950, 34.9410, 76.6933

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.9679, 34.9410, 18.9586



25.6188, 34.9410, 60.5632



40.3487, 34.9410, 66.9299



42.1705, 34.9410, 21.9406

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.9679, 34.9410, 18.9586



23.6828, 34.9410, 37.5033



40.3487, 34.9410, 66.9299



45.0017, 34.9410, 38.5915

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.9688, 34.9425, 18.9594



62.3649, 69.6976, 63.2580



28.5781, 28.3832, 17.6085



13.7375, 15.4635, 13.7207



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9688, 34.9425, 18.9594



45.5845, 61.8112, 27.9462



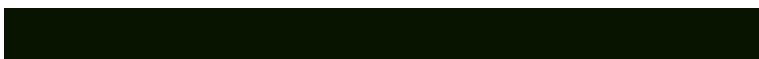
23.0336, 32.9009, 19.3616



7.7475, 8.5679, 8.0347



12.8897, 22.3421, 3.6331



0.3730, 0.5742, 0.0912

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.3958, 18.8741, 40.4422



38.1709, 28.4916, 72.4895



28.7885, 21.6773, 39.6495



7.5092, 7.4951, 9.4693



8.7213, 3.8794, 28.2646



0.2700, 0.1242, 0.6904

Previews

White Background



This preview shows how the XYZ color 26.9679, 34.9410, 18.9586 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.9679, 34.9410, 18.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9679, 34.9410, 18.9586

Background



This preview shows how black text looks on a background with the XYZ color 26.9679, 34.9410, 18.9586.



This preview shows how white text looks on a background with the XYZ color 26.9679, 34.9410,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.9679, 34.9410, 18.9586

Protanopia

32.0300, 34.6398, 17.5684

Deuteranopia

35.2779, 34.5294, 19.5573



Tritanopia

32.3352, 34.9555, 45.6003

Trichromacy



Original Color

26.9679, 34.9410, 18.9586

Protanomaly

29.8434, 34.5446, 17.9268

Deuteranomaly

31.7360, 34.4464, 19.4442

Tritanomaly

29.9447, 34.7750, 33.9882

Monochromacy



Original Color

26.9679, 34.9410, 18.9586

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6254, 32.6565, 27.7163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9679, 34.9410, 18.9586 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 170, 106)` looks like.

```
.text, #text, p{  
    color:rgb(135, 170, 106)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 170, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 170, 106) }
```

Border

The CSS property to change the border of an element to XYZ 26.9679, 34.9410, 18.9586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 170, 106) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 170, 106) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 170, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 170, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 170, 106);  
box-shadow:4px 4px 4px 4px rgb(135, 170,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9679, 34.9410, 18.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 170, 106) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
170, 106) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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